

Lagazel Kalo 3000

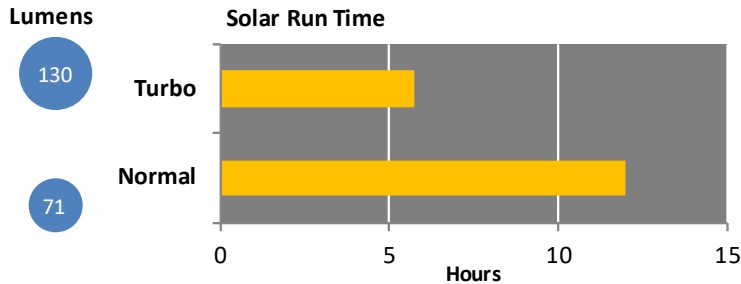
Lagazel

Results based on test procedures detailed in IEC 62257-9-5, ed. 4.0*

Verify Online:

<https://data.verasol.org/products/sek/lk-3000>

Valid Until: October 31, 2022



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

* Ports tests, protection tests and system performance tests were not conducted.

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Normal
Full battery run time* (hours)	7.1	15
Run time per day of solar charging* (hours)	5.7	12
Total light output (lumens)	130	71
Total lighting service (lumen-hours / solar-day)	740	850

* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

*** Additional brightness settings (not tested): Eco

Lighting Details

Lamp type	LED
Description of light points	Four LEDs inside a frosted cover.
Colour characteristics	CRI 82 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Protection from frequent rain; met with IPX1 and a warning label.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	2.4 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	2 x 18650 package
Battery capacity	3000 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Lagazel
Product name	Lagazel Kalo 3000
Product model / ID number	LK3000
Contact information	contact@lagazel.com
Website	www.lagazel.com

SSS Information

Specs sheet expiration date	October 31, 2022
Quality Standards Framework Version	2019
Revision	2019.09